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     (FILE 'HOME' ENTERED AT 15:45:48 ON 09 DEC 1999)

     FILE 'REGISTRY' ENTERED AT 15:45:51 ON 09 DEC 1999

     FILE 'REGISTRY' ENTERED AT 15:51:11 ON 09 DEC 1999
L1             0 S 1,1-CARBONYLDIIMIDAZOLE
L2             2 S CARBONYLDIIMIDAZOLE
L3             0 S CARBONYLDIIMIDAZOLE/CN
L4             2 S L2
L5             0 S T-BUTYLCARBAZATE/CN
L6             0 S T-BUTYL CARBAZATE/CN
L7             0 S T-BUTYLCARB?/CN
L8             0 S T BUTYLCARB?/CN
L9           390 S CARBAZATE?
L10          389 S CARBAZATE
L11            0 S CARBAZATE AND T-BUTYL
L12            3 S TERT-BUTYL CARBAZATE
L13            1 S TERT-BUTYL CARBAZATE/CN

     FILE 'CAPLUS' ENTERED AT 15:53:36 ON 09 DEC 1999
                S 530-62-1/REG# AND  530-62-1/REG#

     FILE 'REGISTRY' ENTERED AT 15:54:06 ON 09 DEC 1999
L14            1 S 530-62-1/RN

     FILE 'CAPLUS' ENTERED AT 15:54:06 ON 09 DEC 1999
L15         1625 S L14

     FILE 'REGISTRY' ENTERED AT 15:54:09 ON 09 DEC 1999
L16            1 S 530-62-1/RN

     FILE 'CAPLUS' ENTERED AT 15:54:09 ON 09 DEC 1999
L17         1625 S L16
L18         1625 S L17 AND L15
L19           64 S L18 AND ((AMINO METHYL?) OR (AMINOMETHYL?))
L20            1 S L19 AND POLYSTYRENE

     FILE 'CASREACT' ENTERED AT 15:56:27 ON 09 DEC 1999
L21          787 S 530-62-1 AND 530-62-1
L22            2 S  530-62-1 AND 870-46-2

     FILE 'CAPLUS' ENTERED AT 15:58:02 ON 09 DEC 1999
                S 530-62-1/REG# AND  870-46-2/REG#

     FILE 'REGISTRY' ENTERED AT 15:58:06 ON 09 DEC 1999
L23            1 S 870-46-2/RN

     FILE 'CAPLUS' ENTERED AT 15:58:07 ON 09 DEC 1999
L24          478 S L23

     FILE 'REGISTRY' ENTERED AT 15:58:08 ON 09 DEC 1999
L25            1 S 530-62-1/RN

     FILE 'CAPLUS' ENTERED AT 15:58:10 ON 09 DEC 1999
L26         1625 S L25
L27           14 S L26 AND L24
L28            0 S L27 AND ((AMINOMETHYL?) OR (AMINO METHYL?)) AND POLYSTYRENE?
L29            2 S L27 AND ((AMINOMETHYL?) OR (AMINO METHYL?))

     FILE 'REGISTRY' ENTERED AT 16:02:04 ON 09 DEC 1999
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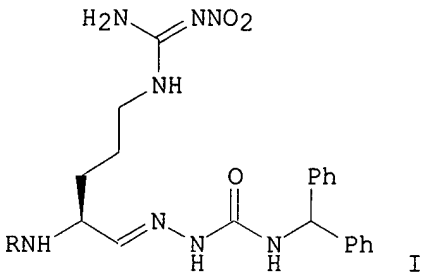
L22 ANSWER 1 OF 2 CASREACT COPYRIGHT 1999 ACS
AN 121:134768 CASREACT
TI Improved synthesis of arginine peptide aldehydes
AU Dagnino, Raymond, Jr.; Webb, Thomas R.
CS Dep. Med. Chem., Corvas Int., San Diego, CA, 92121, USA
SO Tetrahedron Lett. (1994), 35(14), 2125-8
CODEN: TELEAY; ISSN: 0040-4039
DT Journal
LA English
CC 34-3 (Amino Acids, Peptides, and Proteins)
GI



I

AB An improved method for the synthesis of peptide argininals, e.g. Me3CCO-Asp-Pro-Arg-al (I), by the use of a new aldehyde protecting group (diphenylmethyl semicarbazide) is reported. Thus, BocNHNH2 (Boc = Me3CO2C) was coupled with H2NCHPh2 by CDI to give BocNHNHCONHCHPh2, which was Boc-deblocked by CF3CO2H to give H2NNHCONHCHPh2, which was treated with Boc-Arg(NO2)-al to give semicarbazone II (R = Boc). The latter was used in the synthesis of protected semicarbazone peptide II [R = Me3CCO-Asp(OCH2Ph)-Pro], which was debocked to give I.
ST arginine peptide aldehyde diphenylmethyl semicarbazide protection; phenylmethyl semicarbazide protection arginine peptide aldehyde; protective group diphenylmethyl semicarbazide peptide aldehyde
IT Protective groups
(diphenylmethyl semicarbazide, for synthesis of arginine peptide aldehydes)
IT Peptides, preparation
RL: SPN (Synthetic preparation); PREP (Preparation)
(argininal-contg., prepn. of, diphenylmethyl semicarbazide as protecting group for)
IT 150908-38-6P 157001-78-0P 157001-79-1P 157001-80-4P 157001-81-5P

L20 ANSWER 1 OF 1 CAPLUS COPYRIGHT 1999 ACS
AN 1998:65914 CAPLUS
DN 128:115084
TI Functionalized ferrocenyldiphosphines, a process for their preparation and
their use
IN Pugin, Benoit; Landert, Heidi
PA Novartis A.-G., Switz.; Pugin, Benoit; Landert, Heidi
SO PCT Int. Appl., 91 pp.
CODEN: PIXXD2
DT Patent
LA English
IC ICM C07F017-02
ICS B01J031-28; C07B031-00; C07B053-00; C08F112-08
CC 29-12 (Organometallic and Organometalloidal Compounds)
Section cross-reference(s): 34
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9801457	A1	19980115	WO 1997-EP3626	19970709
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9736211	A1	19980202	AU 1997-36211	19970709
EP 912586	A1	19990506	EP 1997-932789	19970709
R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL				

PRAI CH 1996-1746 19960710
CH 1996-2069 19960823
WO 1997-EP3626 19970709
OS MARPAT 128:115084
AB The invention relates to 1,2-ferrocenyldiphosphines which contain a functional group in the 1' position either directly or via a bridging group, and also a process for their prepn. The compds. are important ligands for transition metal complexes contg. d-8 metals such as Rh, Ru, Pd or Ir. These transition metal complexes are widely used in the hydrogenation of org. double or triple bonds, in particular olefinic double bonds and C-heteroatom double bonds. The complexes are particularly suitable for enantioselective hydrogenation using chiral ferrocenyldiphosphines and corresponding prochiral unsatd. compds. Ferrocenyldiphosphines having a functional group in the 1' position are also important intermediates for ferrocenyldiphosphine ligands and their metal complexes of d-8 metals such as Rh, Ru, Pd or Ir which are bound to inorg. or org. polymeric supports via this functional group. These metal complexes bound to an inorg. or org. support material are likewise very suitable for the hydrogenation of org. double or triple bonds.
ST ferrocenyl phosphine prepn hydrogenation catalyst
IT Hydrogenation catalysts
(ferrocenyldiphosphines)
IT Catalyst supports
(

L42 ANSWER 3 OF 3 SCISEARCH COPYRIGHT 1999 ISI (R)
AN 97:139072 SCISEARCH
GA The Genuine Article (R) Number: WG575
TI Synthesis and biological activity of P-2-P-4 azapeptidomimetic P-1-argininal and P-1-ketoargininamide derivatives: A novel class of serine protease inhibitors
AU Semple J E (Reprint); Rowley D C; Brunck T K; Ripka W C
CS CORVAS INT INC, DEPT MED CHEM, 3030 SCI PK RD, SAN DIEGO, CA 92121 (Reprint)
CYA USA
SO BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, (4 FEB 1997) Vol. 7, No. 3, pp. 315-320.
Publisher: PERGAMON-ELSEVIER SCIENCE LTD, THE BOULEVARD, LANGFORD LANE, KIDLINGTON, OXFORD, ENGLAND OX5 1GB.
ISSN:. 0960-894X.
DT Article; Journal
FS LIFE
LA English
REC Reference Count: 35
AB Molecular modeling and topographic considerations of the thrombin-specific sequences Boc-Asp-Pro-Arg-TS or Ac-d-Phe-Pro-Arg-TS (TS = transition state analog electrophilic center) and related scaffolds led to the design of novel P-2-P-4-azapeptidomimetic P-1-argininal and P-1-ketoargininamide derivatives (3a-j). The synthesis and biological activity of these potential serine protease inhibitors are presented. (C) 1997, Elsevier Science Ltd.
CC CHEMISTRY, ORGANIC; CHEMISTRY, MEDICINAL
STP KeyWords Plus (R): HUMAN ALPHA-THROMBIN; CATALYZED-HYDROLYSIS; ALDEHYDES; DIESTERS; ACIDS
RF 95-1640 002; THROMBIN INHIBITORS; DEVELOPMENT OF A NOVEL RECOMBINANT SERPIN; POTENTIAL ANTITHROMBOTIC PROPERTIES
RE

Referenced Author (RAU)	Year (RPY)	VOL (RVL)	PG (RPG)	Referenced Work (RWK)
ANDRE F	1996	37	183	TETRAHEDRON LETT
APPLEQUIST D E	1963	28	48	J ORG CHEM
BAGDY D	1992	67	325	THROMB HAEMOSTASIS
BALASUBRAMANIAN B	1995	3	999	ADV DESIGN DEV THROM
BANNER D W	1991	266	20085	J BIOL CHEM
BAZAN J F	1996	380	21	NATURE

BJ

L43 ANSWER 1 OF 4 SCISEARCH COPYRIGHT 1999 ISI (R)
AN 96:790201 SCISEARCH
GA The Genuine Article (R) Number: VP247
TI DESIGN AND SYNTHESIS OF A SERIES OF NONPEPTIDE HIGH-AFFINITY HUMAN CORTICOTROPIN-RELEASING FACTOR(1) RECEPTOR ANTAGONISTS
AU CHEN C (Reprint); **DAGNINO R**; DESOUZA E B; GRIGORIADIS D E; HUANG C Q; KIM K I; LIU Z Y; MORAN T; **WEBB T R**; WHITTEN J P; XIE Y F; MCCARTHY J R
CS NEUROCRINE BIOSCI, 3050 SCI PK RD, SAN DIEGO, CA, 92121 (Reprint)
CYA USA
SO JOURNAL OF MEDICINAL CHEMISTRY, (25 OCT 1996) Vol. 39, No. 22, pp. 4358-4360.
ISSN: 0022-2623.
DT Article; Journal
FS LIFE
LA ENGLISH
REC Reference Count: 15
CC CHEMISTRY, CLINICAL & MEDICINAL
STP KeyWords Plus (R): CENTRAL NERVOUS-SYSTEM; FUNCTIONAL EXPRESSION; RAT-BRAIN; CLONING; CRF
RF 94-1063 002; CORTICOTROPIN-RELEASING FACTOR; HYPOTHALAMIC-PITUITARY-ADRENAL AXIS; GLUCOCORTICOID HYPOTHESIS OF BRAIN AGING; CENTRAL NUCLEUS; STRESS RESPONSES
RE

Referenced Author (RAU)	Year (RPY)	VOL (RVL)	PG (RPG)	Referenced Work (RWK)
BATTAGLIA G	1987	1	572	SYNAPSE
CHANG C P	1993	11	1187	NEURON
CHEN R P	1993	90	8967	P NATL ACAD SCI USA
DESOUZA E B	1995	30	21	ANNU REP MED CHEM

DE